

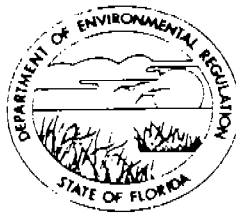
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STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

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NORTHEAST DISTRICT  
3426 BILLS ROAD  
JACKSONVILLE, FLORIDA 32207  
904/798-4200



1143  
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ASSISTANT DISTRICT MANAGER

February 25, 1988

CERTIFIED - RETURN RECEIPT

Captain William J. Green, Jr.  
Commanding Officer  
U.S. Naval Air Station - Jacksonville  
Box 5  
Jacksonville, Florida 32212

Dear Captain Green:

U.S. NAS - Jacksonville  
FL6 170 024 412  
Duval County - Hazardous Waste  
Operation Permit #HO 16-119108

In response to your letter dated January 7, 1988, requesting modification of groundwater monitoring conditions of Operation Permit #HO 16-119108, this letter is prepared to help you switch from detection monitoring to compliance monitoring. This letter is not a modification of the permit.

On May 5, 1987, your facility notified us that statistical increases in indicator parameters had been confirmed; therefore, your facility must be in compliance monitoring and must comply with 40 CFR 264.98(h) and 264.99.

Pursuant to 40 CFR 264.96, the compliance period for your facility will begin the day compliance monitoring is initiated. The compliance period is the number of years equal to the active life of the waste management area. This period may be extended if corrective actions are not completed by the end of the compliance period. The compliance period for your facility will be specified when the intent to modify the permit is issued.

Pursuant to 40 CFR 264.99(d), the permittee shall conduct quarterly sampling for the duration of the compliance period for the following parameters from wells NAS 4-4, NAS 4-5, NAS 4-9, NAS 4-10 and NAS 4-11:

- a. Indicator parameters of pH, Specific Conductance, Total Organic Carbon, Total Organic Halogen (40 CFR 264.98[a][1]).

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- b. Complexed Cyanide, Cadmium, Hexavalent Chromium, Nickel [40 CFR 261 Appendix VII).
- c. Arsenic, Barium, Chromium, Lead, Mercury, Selenium, Silver (40 CFR 264.94 Table 1).
- d. Trichloroethylene, Tetrachloroethylene, Carbon Tetrachloride, Vinyl Chloride, 1,1,1-Trichloroethane, 1,2-Dichloroethane, Benzene, Sulfide, Vanadium, Zinc, Chloroform, Methylene Chloride, Toluene, Xylene, 1,1-Dichloroethane, O-Cresol and Phenol (FAC 17-4.245 and 17-4.246).

When the permit is officially modified, the sampling parameters and frequency given above will replace the requirements of specific condition 37. Other monitoring wells, when installed, must be included in the quarterly monitoring.

Pursuant to 40 CFR 264.99(f), your facility is required to analyze samples from all monitoring wells at the compliance point for all Appendix VIII constituents or its equivalent, as approved by the Department. As you completed this in September 1987, you must continue to do this in the month of September of each calendar year throughout the compliance period. The results of the September 1987 sampling show well NAS 4-5 has the maximum groundwater contamination, therefore, you may want to propose to sample only well NAS 4-5 (downgradient) and well NAS 4-9 (background) for Appendix VIII analyses.

Pursuant to 40 CFR 264.94 and 264.99(a)(2), the groundwater protection standard shall be as follows:

<u>Parameters</u>	<u>Concentration Limit</u>
<u>a. 40 CFR Part 261 Appendix VII Parameters:</u>	
Complexed Cyanide	Background *
Cadmium	Background *
Hexavalent Chromium	Background *
Nickel	Background *
<u>b. Drinking Water Supply Parameters (40 CFR 264.94 Table 1)</u>	
Arsenic	0.05 mg/l
Barium	1.0 mg/l
Chromium	0.05 mg/l
Lead	0.05 mg/l
Mercury	0.002 mg/l
Selenium	0.01 mg/l
Silver	0.05 mg/l

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<u>Parameters</u>	<u>Concentration Limit</u>
c. <u>FAC Chapters 17-4.245 and 17-4.246 Parameters:</u>	
Vanadium	Background *
Zinc	5.0 mg/l (FAC 17-22.104[2])
Sulfide	Background *
Trichloroethylene	Background *
Tetrachloroethylene	Background *
Carbon Tetrachloride	Background *
Vinyl Chloride	Background *
1,1,1-Trichloroethane	Background *
1,1-Dichloroethane	Background *
1,2-Dichloroethane	Background *
O-Cresol	Background *
Phenol	Background *
Benzene	Background *
Toluene	Background *
Xylene	Background *
Chloroform	Background *
Methylene Chloride	Background *

\* As established under specific condition 42 of permit.

When the permit is officially modified, the groundwater protection standard specified above will replace the requirements of specific condition 45.

Once again, this letter is designed only to help you change from detection monitoring to compliance monitoring until final modification, public notice and other procedures are completed. The information in this letter will be sent to EPA for comments. An intent to modify the permit will be issued after we receive EPA's comments.

Quarterly sampling for the parameters outlined in this letter, should begin with the next round of sampling (March or April) and should be continued until the permit modification is complete or until you are notified by the Department otherwise.

If you have any questions regarding this letter, please contact Ashwin B. Patel of my staff at the letterhead address or telephone number.

Sincerely,

*Michael J. Fitzsimmons*  
for Ernest E. Frey  
District Manager

EEF:apf

cc: Greg Benjock  
Craig Campbell  
James Scarbrough  
Satish Kastury